



NOTES:

- 1. FURNISH GRATE AND FRAME IN EITHER DUCTILE IRON (ASTM A 536 GRADE 60) OR CAST GRAY IRON: AASHTO M 105, CLASS 30B (ASTM A 48).
- 2. INSTALLATION REQUIRES SUPPORT UNDER LONGITUDINAL AXIS OF FRAME, ORIENT GRADE WITH DIRECTION OF FLOW.

DESIGN DATA

MS 18 (HS-20) OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT AASTO AND INTERIM SPECIFICATIONS.

DUCTILE IRON AND STRUCTURAL STEEL: fs = 20,000 psi

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SALT LAKE CITY, UTAH			JULY 03,2002	CHAIRMAN STANDARDS COMMITTEE	3007 M3.2002	
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DIRECTIONAL FLO GRATE & FRAME

GF 4